

# Comparisons of Job Characteristics

**Focus Occupation:** Farmworkers, Farm, Ranch, and Aquacultural Animals (45-2093)

**Associated Occupation:** Animal Breeders (45-2021)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 73

**Focus Occupation:** Farmworkers, Farm, Ranch, and Aquacultural Animals (45-2093)

**Associated Occupation:** Animal Breeders (45-2021)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Administration and Management	8.4	12.8	8.7	<<	Extensive education and/or training may be required
Sales and Marketing	5.2	11.9	4.6	<<	Extensive education and/or training may be required
Production and Processing	6.0	10.6	7.2	<<	Extensive education and/or training may be required
Biology	3.7	9.5	7.2	<<	Extensive education and/or training may be required
Transportation	4.6	8.0	4.8	<<	Extensive education and/or training may be required
Medicine and Dentistry	3.7	7.8	2.7	<<	Extensive education and/or training may be required
Food Production	2.1	6.4	6.8	0	Current knowledge level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 42

**Focus Occupation:** Farmworkers, Farm, Ranch, and Aquacultural Animals (45-2093)

**Associated Occupation:** Animal Breeders (45-2021)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Science	4.5	9.8	3.4	<<	Extensive development of skills in this area may be required
Quality Control Analysis	5.9	7.5	7.6	0	Current skill level may be sufficient
Operation and Control	5.4	7.4	9.3	>	Skill level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 89			
Focus Occupation: Farmworkers, Farm, Ranch, and Aquacultural Animals (45-2093) Associated Occupation: Animal Breeders (45-2021)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Trunk Strength	5.7	8.3	9.4	>	Current ability level is likely sufficient
Static Strength	5.0	7.9	10.5	>>	Current ability level is likely more than sufficient
Dynamic Strength	3.5	6.9	5.2	<<	Extensive improvement in abilities may be required
Speed of Limb Movement	3.2	5.3	5.6	0	Current ability level may be sufficient
Sound Localization	2.2	3.6	2.9	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 96
Focus Occupation: Farmworkers, Farm, Ranch, and Aquacultural Animals (45-2093) Associated Occupation: Animal Breeders (45-2021)		
Work Activities	Exclusivity of Activity	
Administer injections	60	
Administer medications or treatments	46	
Build or repair pens, yards, or cages	92	
Clean rooms or work areas	30	
Construct, erect, or repair wooden frameworks or structures	73	
Examine animals to detect illness, disease, or injury	81	
Feed or water animals	80	
Groom animals	85	
Identify livestock characteristics	81	
Maintain or repair farm vehicles, machinery, or mechanical implements	81	
Maintain production or work records	19	
Operate agricultural equipment or machinery	81	
Package goods for shipment or storage	62	
Recognize disease or parasites in animals	72	
Use animal disease control techniques	82	
Use herbicides, fertilizers, pesticides or related products	71	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 87

**Focus Occupation: Farmworkers, Farm, Ranch, and Aquacultural Animals (45-2093)**  
**Associated Occupation: Animal Breeders (45-2021)**

Tools and Technologies	Exclusivity
Computers	1
Content authoring and editing software	1
Data management and query software	1
Network applications software	1
Poultry and livestock equipment	33
Veterinary equipment	40

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.